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5-18-01 . 02.

OLPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/813,319

DATE: 04/05/2001
TIME: 12:17:59

Input Set : A:\Seqlist.TXT
Output Set: N:\CRF3\04052001\I813319.raw

ENTERED

4 <110> APPLICANT: WEI, Ming-Hui et al
6 <120> TITLE OF INVENTION: ISOLATED HUMAN PHOSPHATASE PROTEINS,
7 NUCLEIC ACID MOLECULES ENCODING HUMAN PHOSPHATASE PROTEINS,
8 AND USES THEREOF
10 <130> FILE REFERENCE: CL001066-CIP
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/813,319
C--> 12 <141> CURRENT FILING DATE: 2001-03-21
12 <150> PRIOR APPLICATION NUMBER: 09/752,820
13 <151> PRIOR FILING DATE: 2001-01-03
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20 <211> LENGTH: 1435
21 <212> TYPE: DNA
22 <213> ORGANISM: Human
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27 ggccagccgc cgccatgggt gctacctct cccagcccaa cacgggtgaag tgctccgggg 180
28 acgggggtcgc cgcccgcgc ctgcgcgtgc cctacggctt ctccgccatg caaggctggc 240
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31 ctgatatcat caaagatcag aaggcctaca aggaaggcaa gctacagaag gctttagaag 420
32 atgccttctt ggctattgac gccaaattga ccaatgaaga agtcattaaa gagctggcac 480
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37 tcagccagcg tgatgaaat ggggagcttc ggttattgtc atccattgtg gaagagctgc 780
38 tggatcagtg cctggcacca gacacttctg gggatggtag aggtgtgac aacatgacct 840
39 gcatcatcat ttgcttcaag cccgaaaca cagcagagct ccagccagag agtggcaagc 900
40 gaaaactaga ggagggtgct tctactgagg gggctgaaga aaatggcaac agcgacaaga 960
41 agaagaaggc caagcgagac tagcagtcac ccagaccct gccacctag actgttttct 1020
42 gagccctccg gacctgagac tgagttttgt ctttttctt tagccttagc agtgggtatg 1080
43 aggtgtgcag ggggagctgg gtggttcac tccgcccatt ccaaagaggg ctctccctcc 1140
44 aactgcagc cgggagctc tgcgtctctt cccagccgcc tctgtctctc gggtcatca 1200
45 ccggttctgt gcctgtgctc tgttggttg gaggaagga ctggcggttc tggtttttac 1260
46 tctgtgaact ttatttaagg acattcttt ttattggcg ctccatggcc ctgcgcgcgt 1320
47 tgcacccgct ctctgttgta cactttcaat caaacctttt tcagactaaa ggccaaaacc 1380
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51 <211> LENGTH: 282
52 <212> TYPE: PRT
53 <213> ORGANISM: Human
55 <400> SEQUENCE: 2
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61                35                40                45
62 Leu Asp Ser Glu Thr Ala Met Phe Ser Val Tyr Asp Gly His Gly Gly
63                50                55                60
64 Glu Glu Val Ala Leu Tyr Cys Ala Lys Tyr Leu Pro Asp Ile Ile Lys
65 65                70                75                80
66 Asp Gln Lys Ala Tyr Lys Glu Gly Lys Leu Gln Lys Ala Leu Glu Asp
67                85                90                95
68 Ala Phe Leu Ala Ile Asp Ala Lys Leu Thr Thr Glu Glu Val Ile Lys
69                100               105               110
70 Glu Leu Ala Gln Ile Ala Gly Arg Pro Thr Glu Asp Glu Asp Glu Lys
71                115               120               125
72 Glu Lys Val Ala Asp Glu Asp Asp Gly Asp His Phe Tyr Lys Arg Asn
73                130               135               140
74 Lys Asn Leu Pro Pro Glu Glu Gln Met Ile Ser Ala Leu Pro Asp Ile
75 145               150               155               160
76 Lys Val Leu Thr Leu Thr Asp Asp His Glu Phe Met Val Ile Ala Cys
77                165               170               175
78 Asp Gly Ile Trp Asn Val Met Ser Ser Gln Glu Val Val Asp Phe Ile
79                180               185               190
80 Gln Ser Lys Ile Ser Gln Arg Asp Glu Asn Gly Glu Leu Arg Leu Leu
81                195               200               205
82 Ser Ser Ile Val Glu Glu Leu Leu Asp Gln Cys Leu Ala Pro Asp Thr
83                210               215               220
84 Ser Gly Asp Gly Thr Gly Cys Asp Asn Met Thr Cys Ile Ile Ile Cys
85 225               230               235               240
86 Phe Lys Pro Arg Asn Thr Ala Glu Leu Gln Pro Glu Ser Gly Lys Arg
87                245               250               255
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91                275               280
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95 <211> LENGTH: 29695

96 <212> TYPE: DNA

97 <213> ORGANISM: Human

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100 <221> NAME/KEY: misc_feature

101 <222> LOCATION: (1)...(29695)

102 <223> OTHER INFORMATION: n = A,T,C or G

104 <400> SEQUENCE: 3

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107 gcctccaag tagctgggat tacaggagcg caccactacg cctgggcta ttttgtattt 180
108 ttagtagaga cgggtttcac atgttgcca ggtggtctc gaacttctg cctcaagtga 240
109 tccaccacc' ccccttgcc tcccaaagtg ctgggattac aagtgtgagc cactgtgccc 300
110 ggctgaaaag aatcaatttt gtcatagttt ggagaatttc tccttttctc tccatccctt 360
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113 agagtaagag ctctctaaact agtagcagtg cccagggcca ggcgcggttg ctcacgcctg 540
114 taatcccagc actttgggag gctgaggcgg gtagatcacg aggtcaggag ttcgagacca 600
115 gcctggccaa catggtgaaa ccccgctctc actaaaaata caaaaattag ccaggcgtgg 660
116 aatcctagct actcgggagg ctgaggcagg agaatcgctt gaacctggga ggcggagggt 720
117 gcagttagcc aagatagcgc cactgcactg cagcctgggc aacaagagcg aaactctgtc 780
118 ttaaaaaaaa aacaatagta ggcggggtgc ggtggtctac gcctgtaac ccaacacttt 840
119 gggaggccga ggcgggcgga tcacgaggtc aggagatgga gaccatcctg gctaacacgg 900
120 tgaacacctg tctctactaa aaatacaaaa aattagccag gcgtgggtgc gggcgccgtg 960
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124 aaagtgtaca ccaggagcac aatgaagtc aagtcactca tcttggcgct tctttttatc 1200
125 aagctagcta gttaatatta ccacttaca tcattctcgg agtccagcca gcttctctag 1260
126 aaatctctcc caaatgcagt tcacattctt cctcactcc tccaaacctt ataacattat 1320
127 tcccttttcc tgtggcataa tgcaatccag aggcacctc tctgagagcc tacatccttt 1380
128 caatctctca agaaacagct cctcctccca tcttgagct tttccaccc agaataggct 1440
129 gtacaaaaca tttctacatt gtattaaact gaattatata acagatcgag gtcttcgctt 1500
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157 atgtgaaact acaaaagaga agagggaaaa ctgcgtagg gaggaaagg aggaagacgg 3180
158 gtttaaccgt gctttgtgaa gagcattctg aagtctagc aaaagggcca gggaaatact 3240
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162 acaattttac aattaggtat aaaatttcag gatcctagtg taccctatag ttcattctcat 3480
163 ctgcttttgc tccctttttt tttttttgag acagaatttc gctcttgttg cccaggcttg 3540
164 aatgcaatgg cgcgatctcg gctcaccgca acctccgcct cccagggttg agcaattctc 3600
165 ctgcctcagc ctccatagta gttgggatca caggcatgtg ccaccacgcg tggcttattt 3660
166 tgtattttta gtagagacag ggtttcttca tgtgggtcag gctggtgttg aactcctgac 3720
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208 cctttgttct gaaaagatgc ttggactcag taccagttc tagattgaca gtttaatttt 6240

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Input Set : A:\Seqlist.TXT
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
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L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

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L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3